AMENDMENTS TO THE CLAIMS:

Amend the claims as follows:

Claims 1-34. (Canceled)

35. (Currently Amended) A plasmid or a recombinant viral vector suitable for *in vitro* transgene delivery into mammalian cells, wherein said vector comprises a chimeric genetic construct comprising a transgene operably linked to at least two distinct posttranscriptional regulatory elements functional in mammalian cells, each comprising a UTR region of a eukaryotic mRNA selected from a WPRE element, tau 3'UTR, TH3'UTR and APP5'UTR.

36. (Previously Presented) The vector of claim 35, wherein at least one posttranscriptional regulatory element confers increased stability to mRNAs.

Claims 37-42. (Canceled)

43. (Currently Amended) The vector of claim 35, wherein said WPRE element comprises ~~all or a functional fragment of~~ SEQ ID NO: 1.

44. (Currently Amended) The vector of claim 35, wherein said APP5'UTR region comprises ~~all or a functional fragment of~~ SEQ ID NO: 2.

45. (Currently Amended) The vector of claim 35, wherein said tau3'UTR region comprises ~~all or a functional fragment of~~ SEQ ID NO: 3.

46. (Currently Amended) The vector of claim 35, wherein said TH3'UTR region comprises ~~all or a functional fragment of~~ SEQ ID NO: 4.

47. (Previously Presented) The vector of claim 35, wherein said vector further comprises a promoter controlling transcription of the transgene in said mammalian cells.

48. (Previously Presented) The vector of claim 35, wherein said vector further comprises a marker gene.

49. (Previously Presented) The vector of claim 35, wherein said vector further comprises a polyadenylation signal operably linked to said transgene.

Claim 50. (Canceled)

51. (Previously Presented) The vector of claim 35, wherein said vector is selected from a replication-defective adenovirus, a replication-defective adeno-associated virus and a replication-defective retrovirus, including replication-defective lentiviruses.

52. (Previously Presented) The vector of claim 35, wherein the transgene is selected from a transgene coding for a growth factor, a neurotrophic factor, a cytokine, a ligand, a receptor, an immunoglobulin and an enzyme.

53. (Previously Presented) A recombinant cell comprising a vector suitable for *in vitro* transgene delivery into mammalian cells, wherein said vector comprises a chimeric genetic construct comprising a transgene operably linked to at least two distinct

posttranscriptional regulatory elements functional in mammalian cells, each comprising a UTR region of a eukaryotic mRNA selected from a WPRE element, tau 3'UTR, TH3'UTR and APP5'UTR.

54. (Currently Amended) A composition comprising a vector [[suitable]] for *in vitro* or *ex vivo* transgene delivery into mammalian cells, wherein said vector comprises a chimeric genetic construct comprising a transgene operably linked to at least two distinct posttranscriptional regulatory elements functional in mammalian cells, each comprising a UTR region of a eukaryotic mRNA selected from a WPRE element comprising SEQ ID NO:1, a tau 3'UTR element comprising SEQ ID NO:3, a TH3'UTR element comprising SEQ ID NO:4 and a APP5'UTR element comprising SEQ ID NO:2 or a recombinant cell comprising same and a pharmaceutically acceptable excipient or carrier.

Claim 55. (Canceled)

Claim 56. (Canceled)

57. (Previously Presented) A method of expressing a transgene in a mammalian cell *in vitro* or *ex vivo*, the method comprising:

a) providing a chimeric genetic construct comprising said transgene operably linked to at least two distinct posttranscriptional regulatory elements, and

b) introducing said construct into mammalian cells, said introduction causing expression of said transgene in said mammalian cells.

58. (Currently Amended) The method of claim 57, comprising:

a) providing a vector suitable for *in vitro* or *ex vivo* transgene delivery into mammalian cells, wherein said vector comprises a chimeric genetic construct comprising a transgene operably linked to at least two distinct posttranscriptional regulatory elements functional in mammalian cells, each comprising a UTR region of a eukaryotic mRNA selected from a WPRE element, tau 3'UTR, TH3'UTR and APP5'UTR, and

b) introducing said vector into mammalian cells, said introduction causing expression of said transgene in said mammalian cells.

59. (Previously Presented) The method of claim 57, wherein said mammalian cells are neural cells.

60. (Previously Presented) The method of claim 57, wherein said mammalian cells are fibroblasts.

61. (Previously Presented) The method of claim 57, wherein said mammalian cell is a human cell or a rodent cell.

62. (Previously Presented) The method of claim 57, wherein the chimeric genetic construct is introduced into mammalian cells by virus-mediated infection.

63. (Previously Presented) The method of claim 57, wherein the chimeric genetic construct is introduced into cells by plasmid-mediated transfection.

64. (Currently Amended) A method of expressing *in vitro* or *ex vivo* a transgene in glial cells, the method comprising:

a) providing a chimeric genetic construct comprising said transgene operably linked to posttranscriptional regulatory elements comprising a WPRE element combined with a APP5'UTR ~~or a portion thereof~~, and

b) introducing said construct into glial cells, said introduction causing expression of said transgene in said glial cells.

65. (Currently Amended) A method of expressing *in vitro* or *ex vivo* a transgene in fibroblasts, the method comprising:

a) providing a chimeric genetic construct comprising said transgene operably linked to posttranscriptional regulatory elements comprising a WPRE element combined with a APP5'UTR ~~or a portion thereof~~, and

b) introducing said construct into fibroblasts, said introduction causing expression of said transgene in said fibroblasts.

66. (Currently Amended) A method of expressing *in vitro* or *ex vivo* a transgene in neuronal cells, the method comprising:

a) providing a chimeric genetic construct comprising said transgene operably linked to posttranscriptional regulatory elements comprising a WPRE element combined with a APP5'UTR and a tau3'UTR ~~or a portion thereof~~, and

b) introducing said construct into neuronal cells, said introduction causing expression of said transgene in said neuronal cells.

67. (Currently Amended) A method of expressing *in vitro* or *ex vivo* a transgene in neuronal cells, the method comprising:

a) providing a chimeric genetic construct comprising said transgene operably linked to posttranscriptional regulatory elements comprising a WPRE element combined with a APP5'UTR, a tau3'UTR and a TH3'UTR ~~or a portion thereof~~, and

b) introducing said construct into neuronal cells, said introduction causing expression of said transgene in said neuronal cells.